504590336 10/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4637048

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROMAIN CHENEVIER	09/12/2017
DOMINIQUE DECOTTIGNIES	09/12/2017
VINCENT LECOCQ	09/13/2017
MARIE VELLY	09/12/2017

RECEIVING PARTY DATA

Name:	IFP ENERGIES NOUVELLES
Street Address:	1 ET 4 AVENUE DE BOIS PREAU
City:	RUEIL-MALMAISON CEDEX
State/Country:	FRANCE
Postal Code:	92852

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15565913

CORRESPONDENCE DATA

Fax Number: (703)243-6410

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-243-6333 Email: mail@mwzb.com

Correspondent Name: MILLEN, WHITE, ZELANO & BRANIGAN - AMB

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: SUITE 1400

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	PET-3178
NAME OF SUBMITTER:	AUBREY M. BROOKS
SIGNATURE:	/Aubrey M. Brooks/
DATE SIGNED:	10/12/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

Total Attachments: 4

504590336

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	CATALYST COMPRISING A BORON-DOPED ACTIVE PHASE
As the below nan	red inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EP2016/053631</u> filed on <u>February 22, 2016</u>
The above-identit	ied application was made or authorized to be made by me.
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application,
AND WHEREAS	
all patent(s) listed	IFP Energies Nonvelles 1 et 4 avenue de Bois Freau 92852 Rueil-Malmaison Cedex France 2d to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filling or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.	
AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.	
	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on uns and continuations thereof, to ASSIGNES, its assigns and legal representatives, in accordance herewith.
	ersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to is document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
LEGAL NAME C	FINVENTOR omain CHENEVIER Date: 12/09/12
Signature:	Lower

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlinoton Codethouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlinoton V A 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwze.com

DOCKET NO.: PET-3178

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	CATAL	YST COMPRISING A BORON-DOPED ACTIVE PHASE
As the below nam	ed invento	r, I hereby declare that:
This deciaration		The strached application, or
is directed to:	\boxtimes	United States Application or PCT International Application number PCT/EP2016/053631 filed on Pebruary 22, 2016
The above-identif	ied applica	tion was made or authorized to be made by me.
I believe that I am	the origina	al inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS		
all patent(s) listed	d to as the above, inc	P Energies Nouvelles et 4 avenue de Bois Preau 2852 Rueil-Malmaison Cedex France ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and luding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, is, reissues, reexaminations and extensions thereof.
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appearating thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.		
and foreign countr	ries for said	hereby agrees to execute all papers that may be necessary to file applications in the United States Invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to may be needed in connection with securing Letters Patents thereon.
		authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on tinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.		
	11.	TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
		ige that any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by note than five (5) years, or both.
LEGAL NAME O	FINVENT	
	ominique l	DECOTTIGNIES Date: 12 /og / 40/3
Signature:	(Decatificies.

Mellen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthquee Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

DOCKET NO.: PET-3178

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	CATALYST COMPRISING A BORON-DOPED ACTIVE PHASE
As the below nam	ed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EP2016/053631</u> filed on <u>February 22, 2016</u>
The above-identif	red application was made or authorized to be made by mo.
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
all patent(s) listed	IFP Energies Nouvelles I at 4 avenue de Bois Presu 92852 Rusil-Malmaison Cedex France d to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
ASSIGNOR herel right, title and into and all Letters Par thereof, and in and to accrue with res invention, SAID including any and which may be gra- right to sue for da arising from or ap renewals, reissues representatives, in	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive trest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions do any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accraing or pect to the filling or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all certier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent midd therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all a sample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and if the assignment had not been made.
and foreign count	SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States ries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
AND A any and all division	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
	tersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to is document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
	acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by ent of not more than five (5) years, or both.
LEGAL NAME C	
Inventor:	incent LECOCQ Date: 43/09/4
Signature:	

MILLEN, WHITE, ZIELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2266 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703.243.6333 | FAN: 703.243.6410

EMAIL: MAIL@MWZ8.COM

BOCKET NO.: PET-3178

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	CATALTOT COMPRESSIVA & BOXON-DOLDS ACTIVE FINDS
As the below nan	ned inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EP2016/053631</u> filed on February 22, 2016
The above-identif	fied application was made or authorized to be made by me.
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS IFP Energies Nouvelles 1 et 4 avenue de Bois Preau 92852 Rueil-Mulmaison Cedex France hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all renewals, reissues, reexaminations and extensions thereof.	
ASSIGNOR herei- right, title and inte- and all Letters Part thereof, and in an- to accrue with res- invention, SAID a including any and which may be gra- right to sue for da arising from or ap- renewals, reissues representatives, in	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions do any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or pect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all earlier prority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent inted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise opertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and lift the assignment had not been made.
and foreign count	SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States ries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
	tersigned hereby grant(s) the law firm of Millen. White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to is document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
	acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ent of not more than five (5) years, or both.
LEGAL NAME C	OF INVENTOR
Inventor: N	1arie VELLY Date: 09/19/17
Signature:	=

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

DOCKET NO.: PET-3178

PATENT REEL: 043844 FRAME: 0599

RECORDED: 10/12/2017